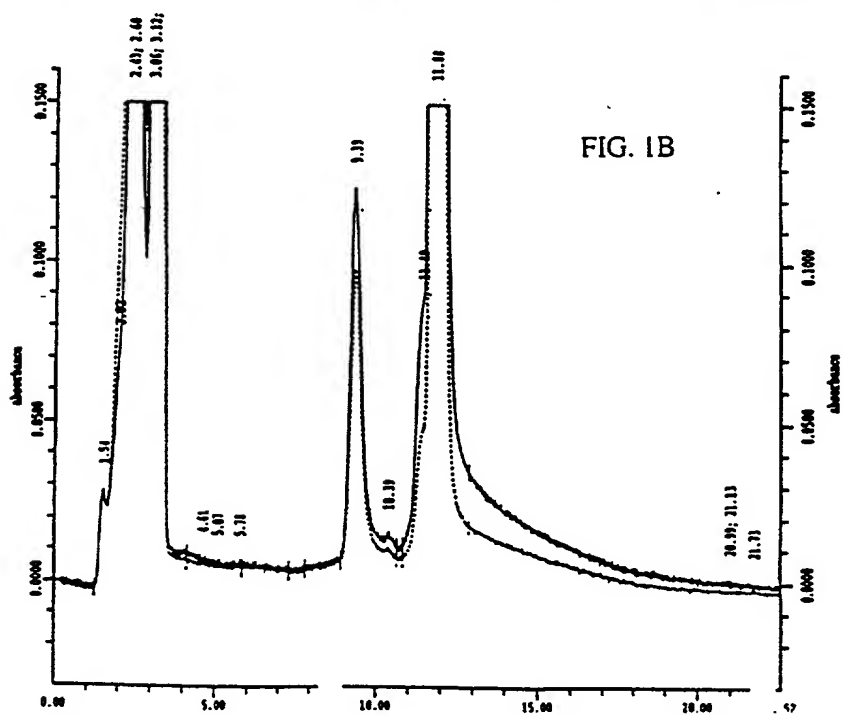
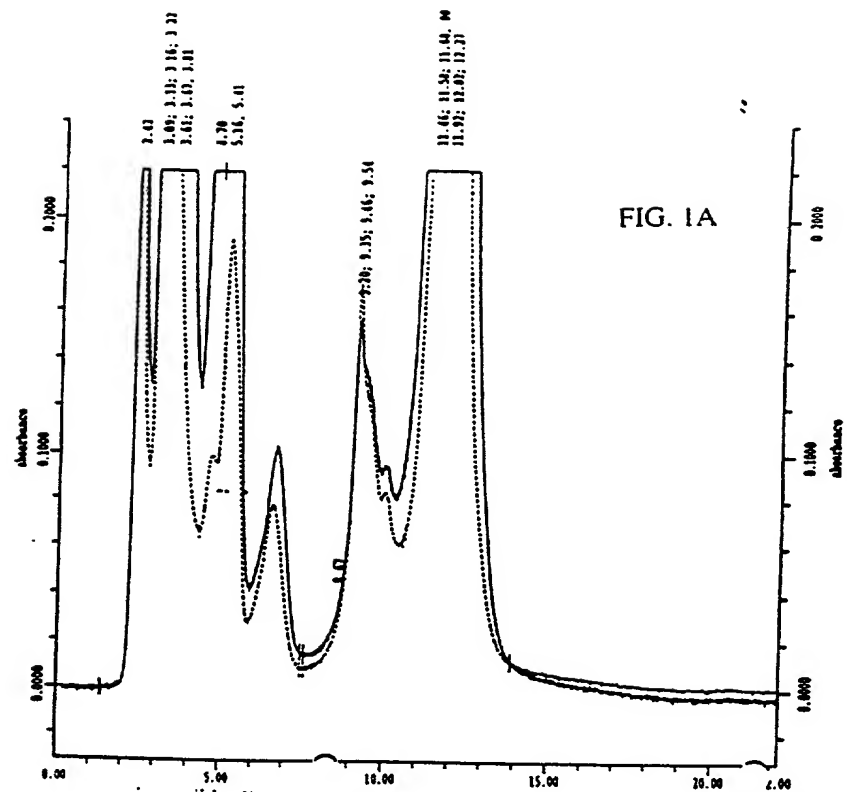


Figure 1A and 1B are chromatograms of the same sample. Figure 1A is a gas chromatogram and Figure 1B is a liquid chromatogram. The x-axis represents time in minutes and the y-axis represents absorbance.



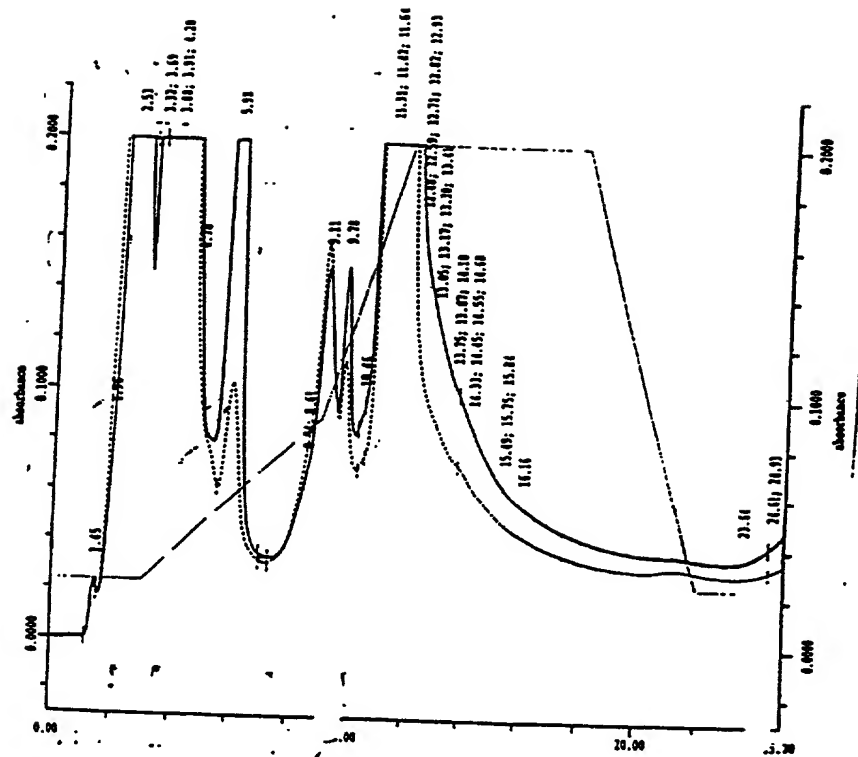
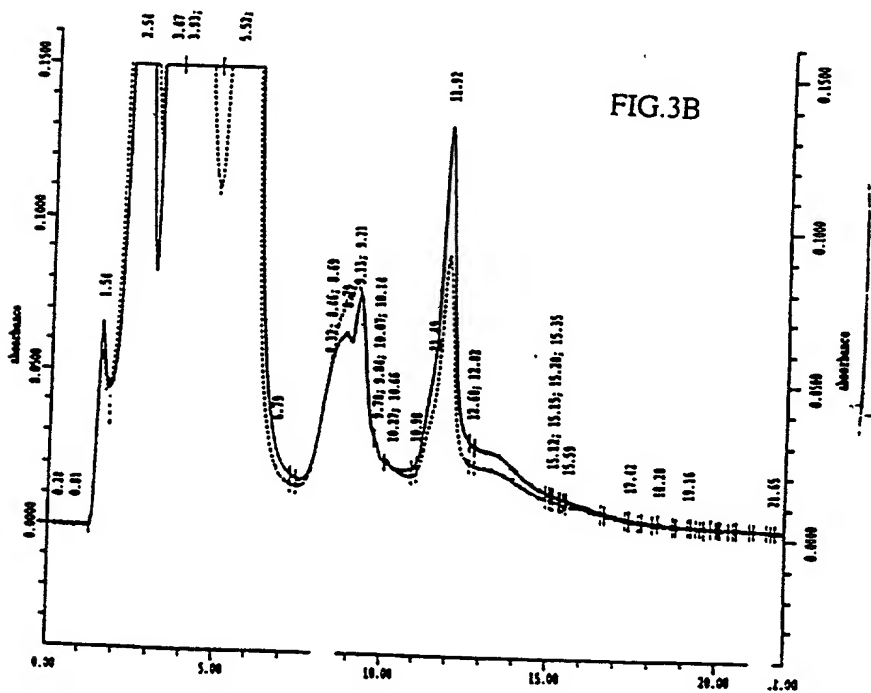
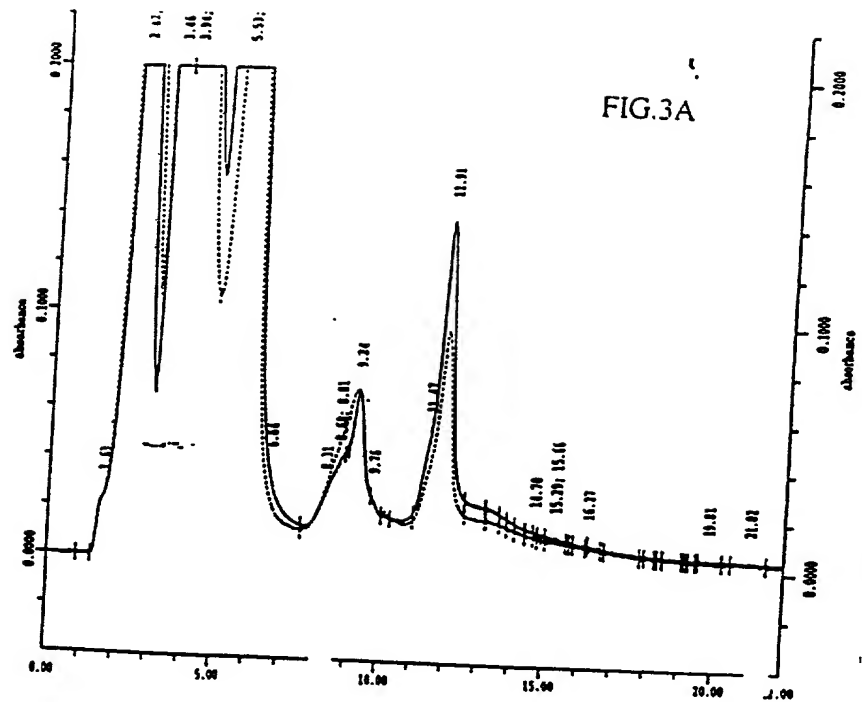


FIG. 2



100% of the total area under the curve is accounted for by the peaks labeled with retention times. The sum of the areas under the peaks is 100%.

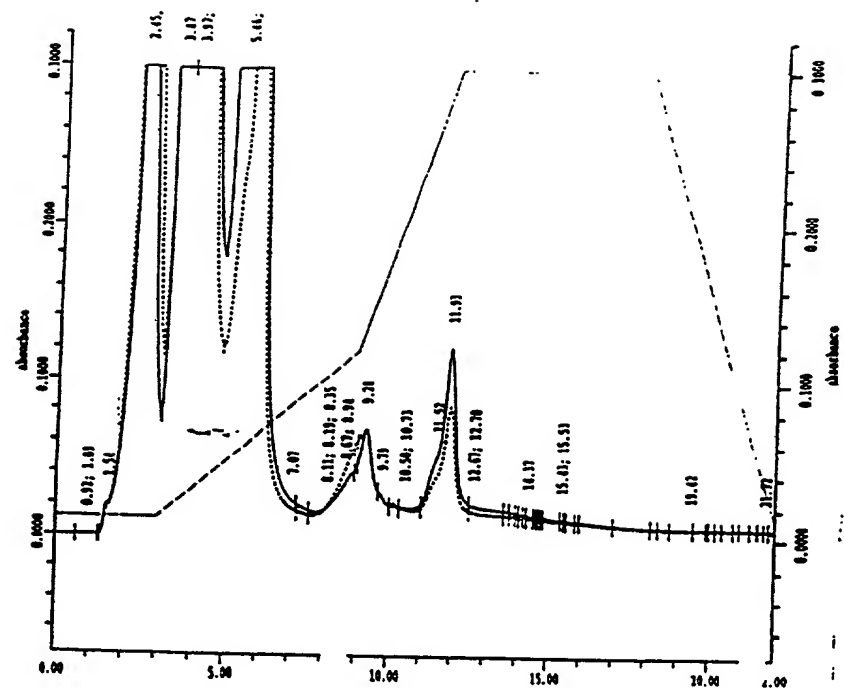


FIG. 3C

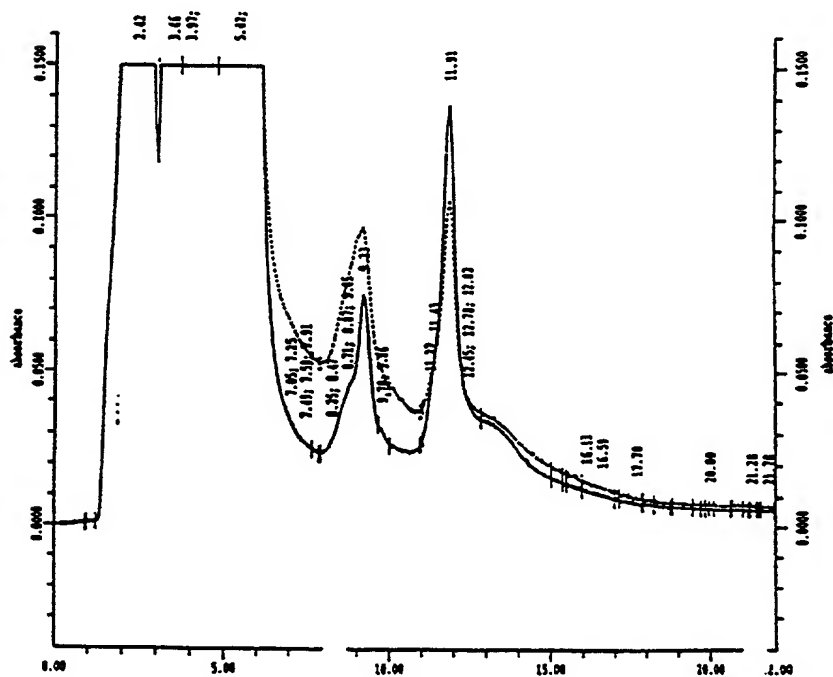


FIG. 3D

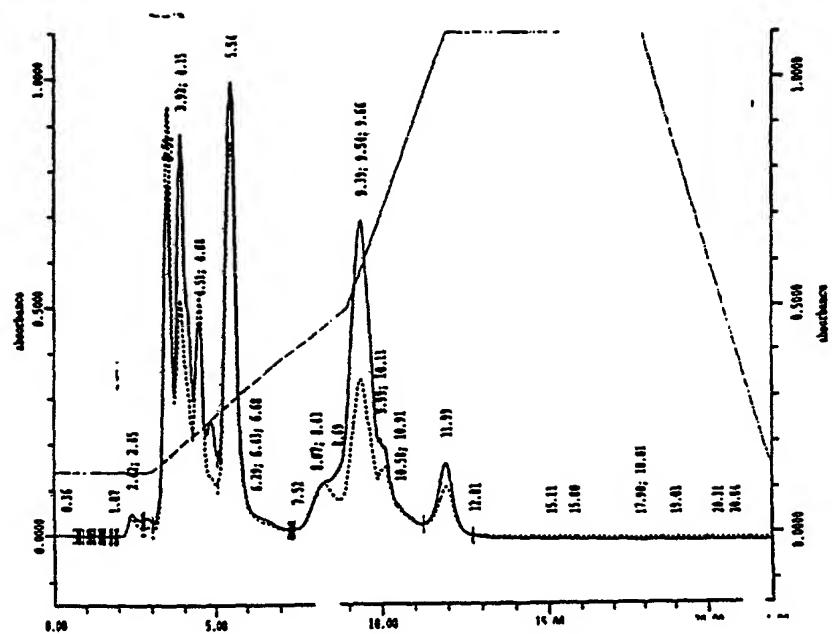
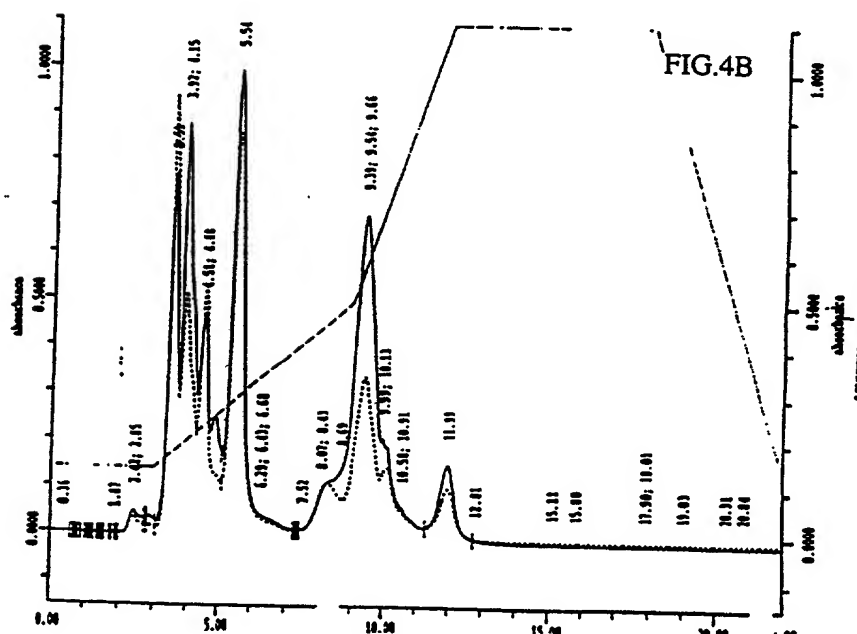


FIG.3E





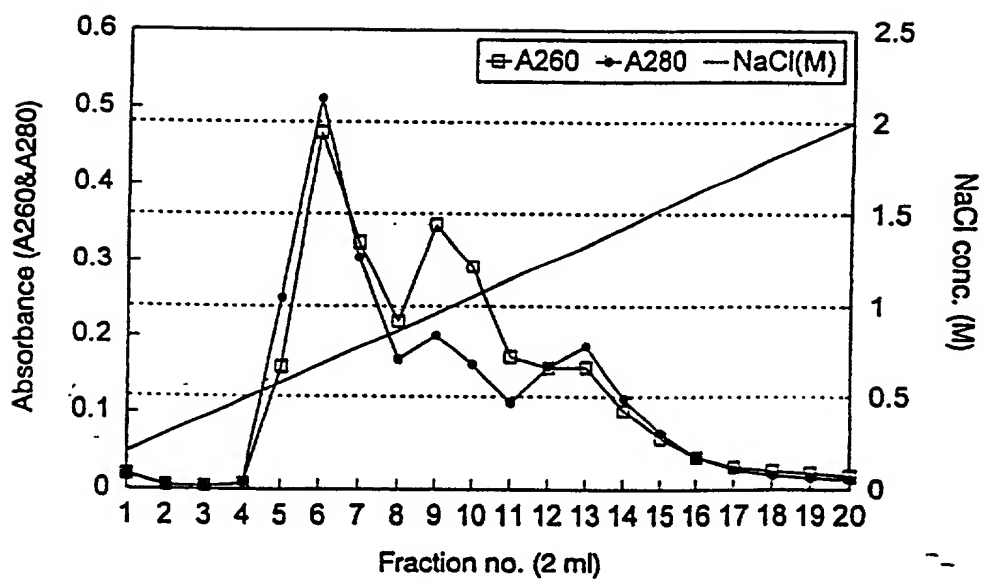


FIG.6



0.00 0.10 0.20 0.30 0.40 0.50  
0 50 100 150  
ml

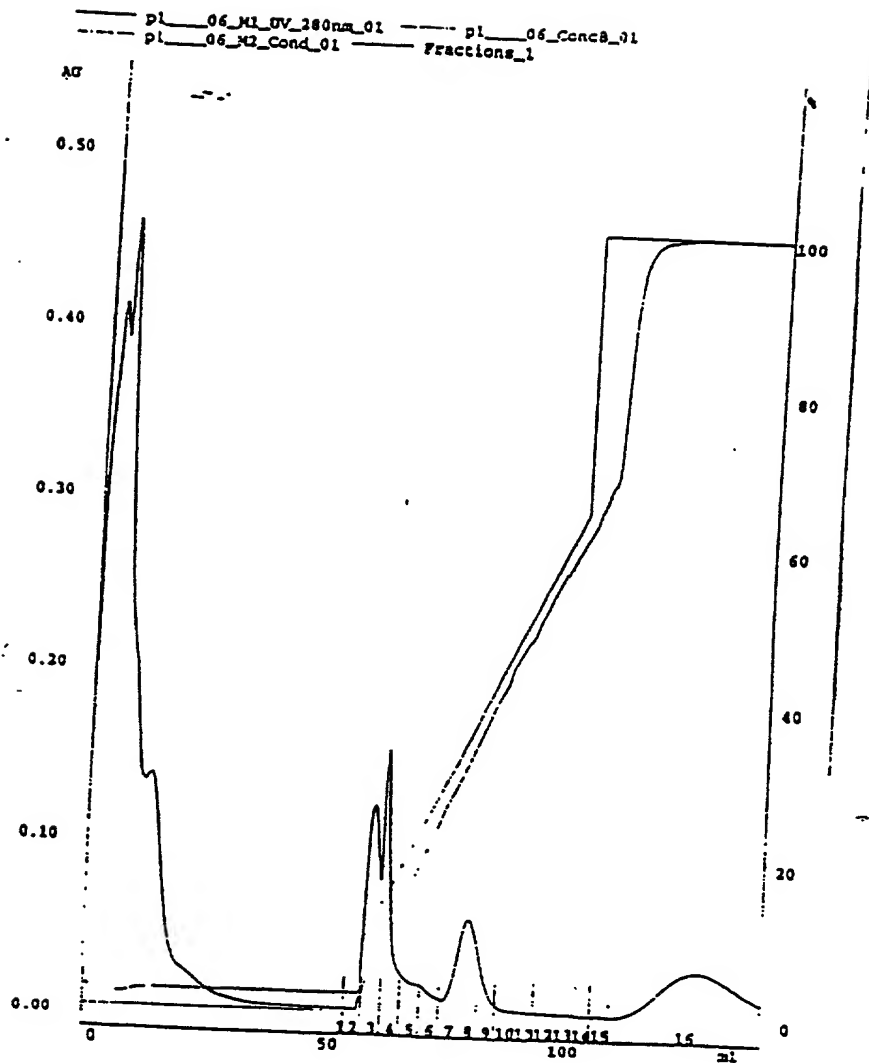
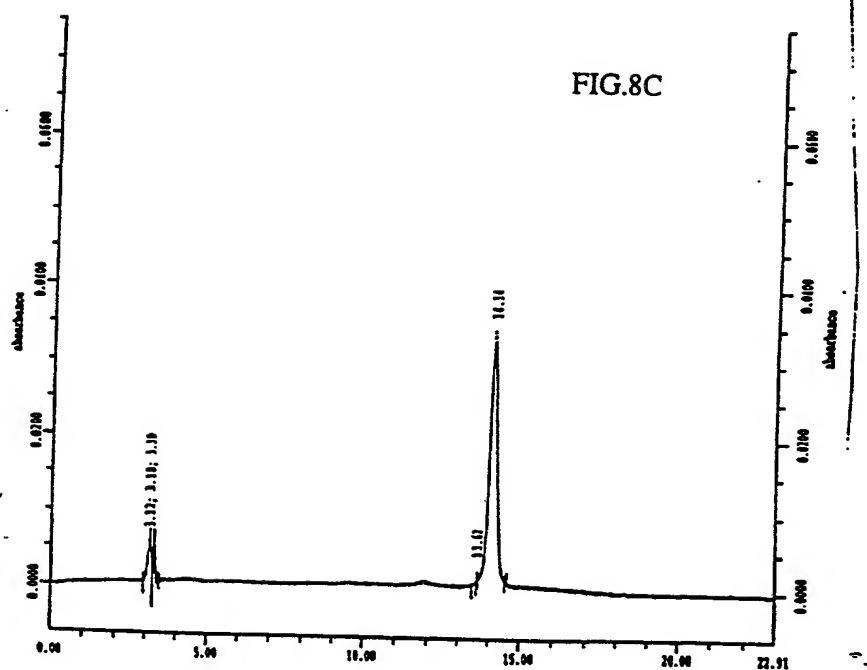


FIG.7



[illegible]

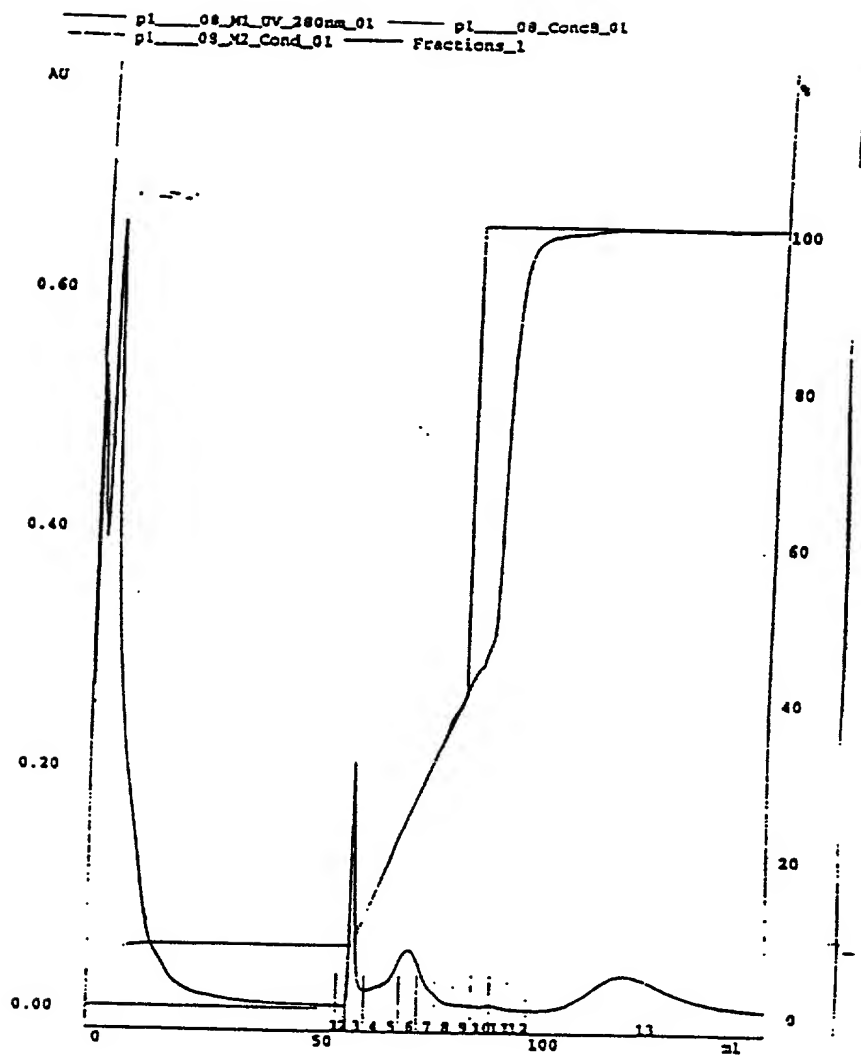
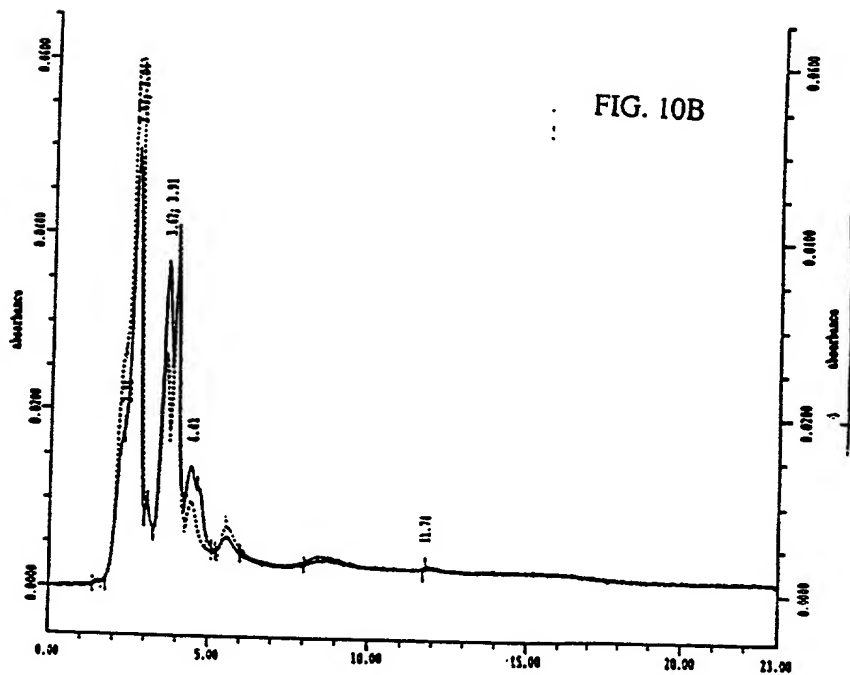
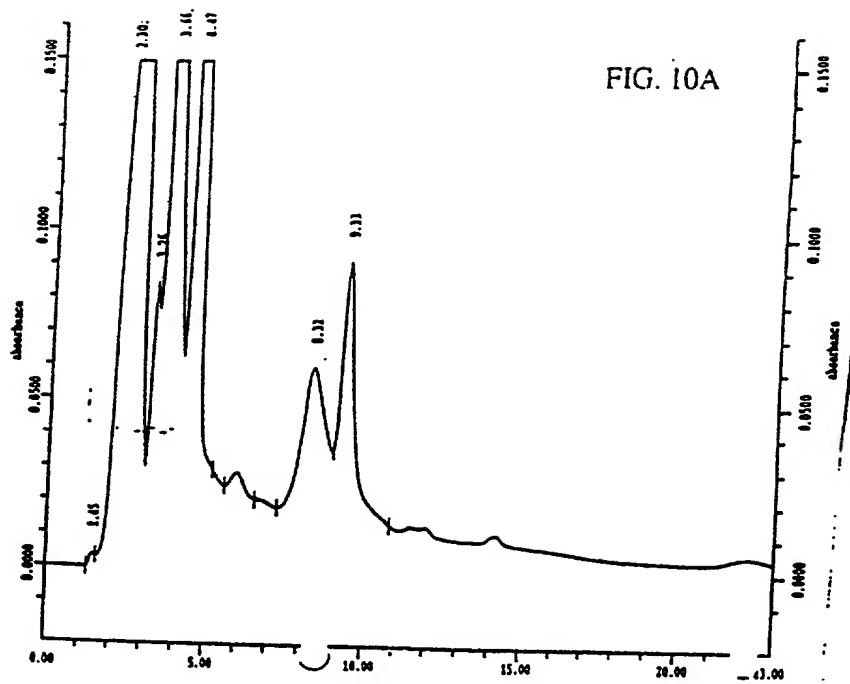
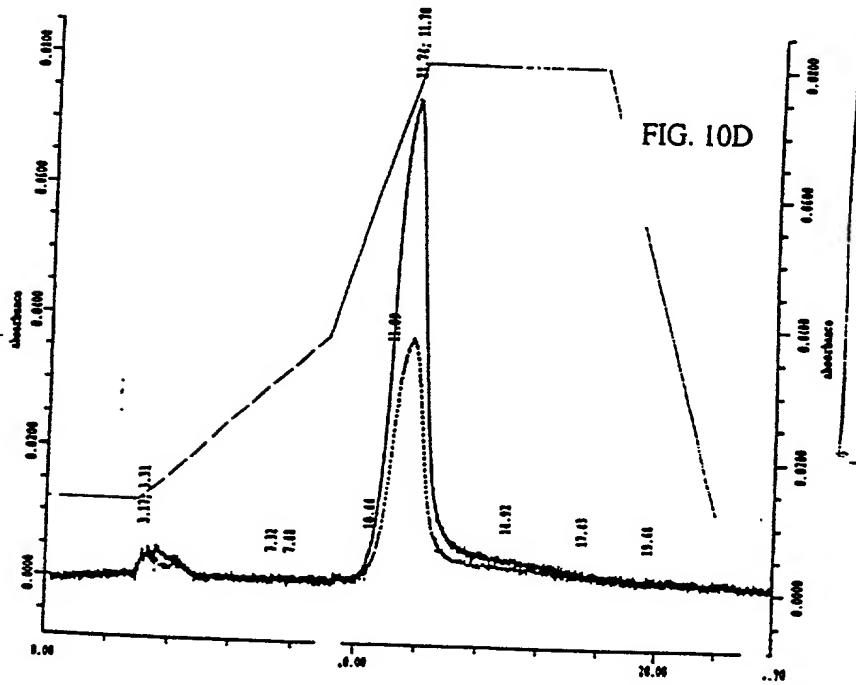
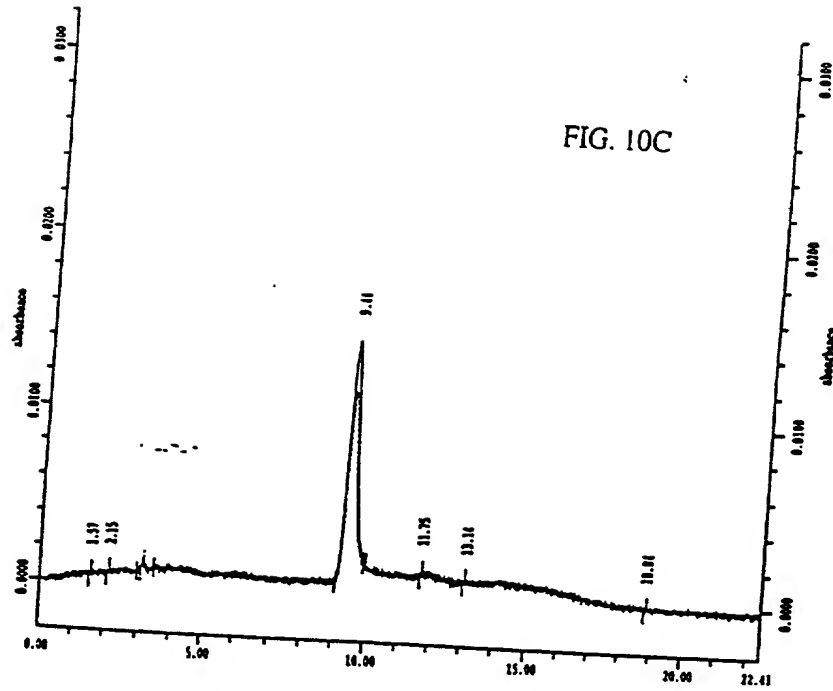


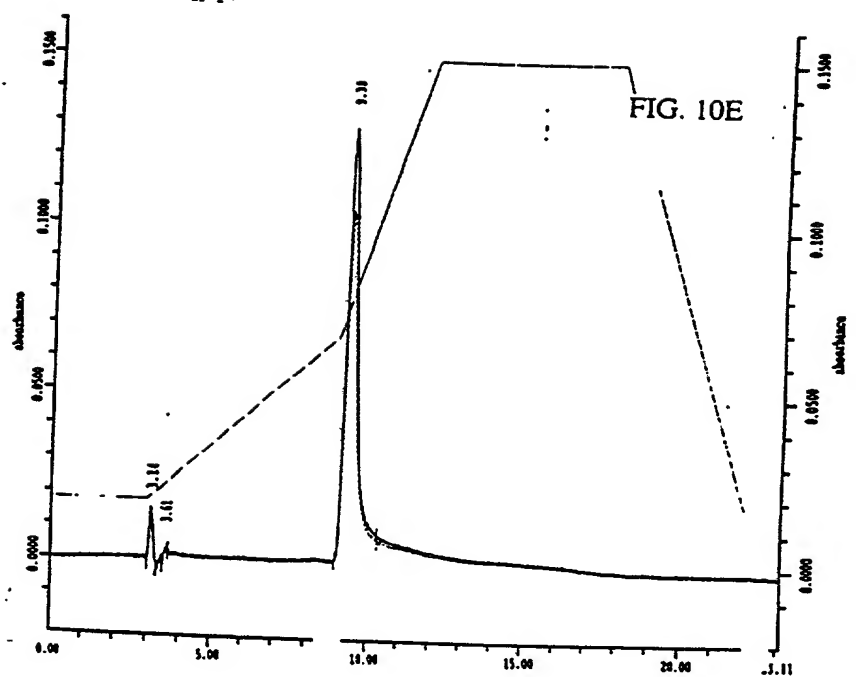
FIG. 9

0.0000 0.0500 0.1000 0.1500  
0.00 5.00 10.00 15.00 20.00 25.00



upper part of the page with the  
figure from the first page of  
the book and the figure from the  
second page of the book.





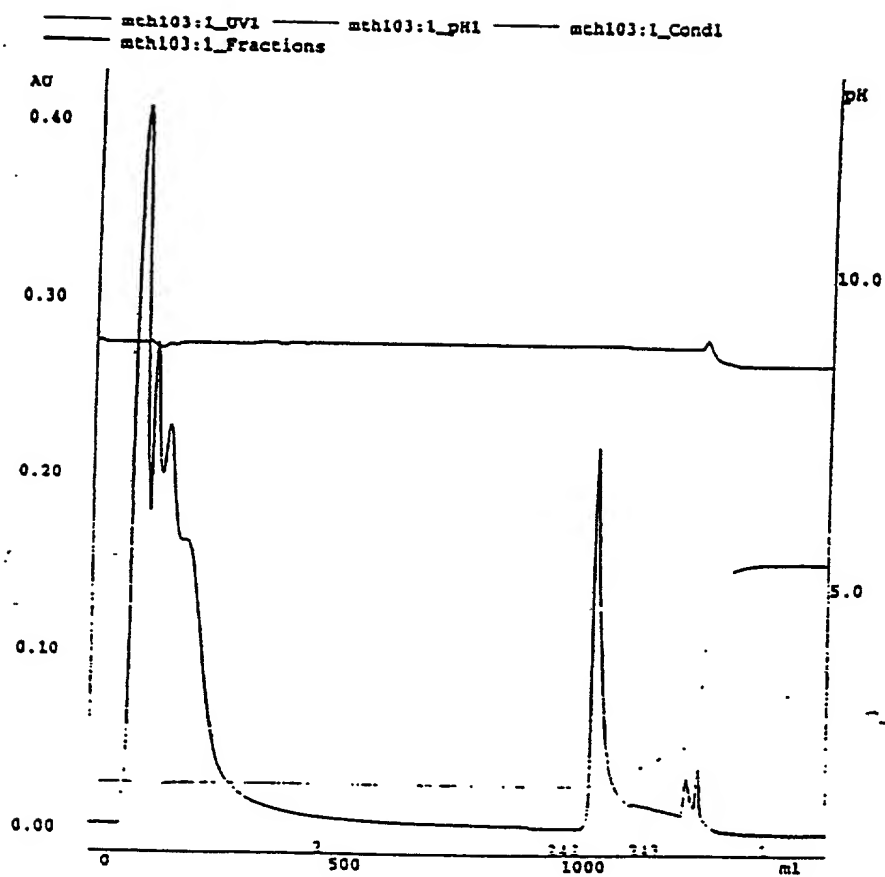


FIG. 11



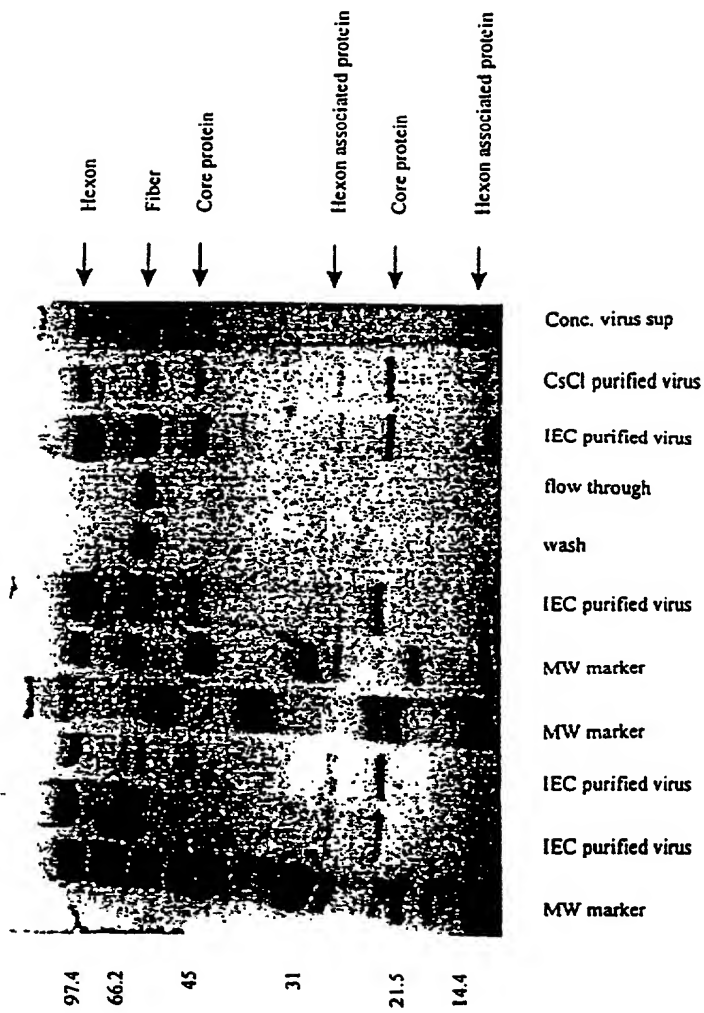


FIG. 12

66.2 kd

Novex MWM

BSA Std

Vector sup

Conc./diafil. sup

IEC purified Adp53

CsCl purified Adp53

BSA Std

Flow thru

Wash

Novex MWM

FIG. 13

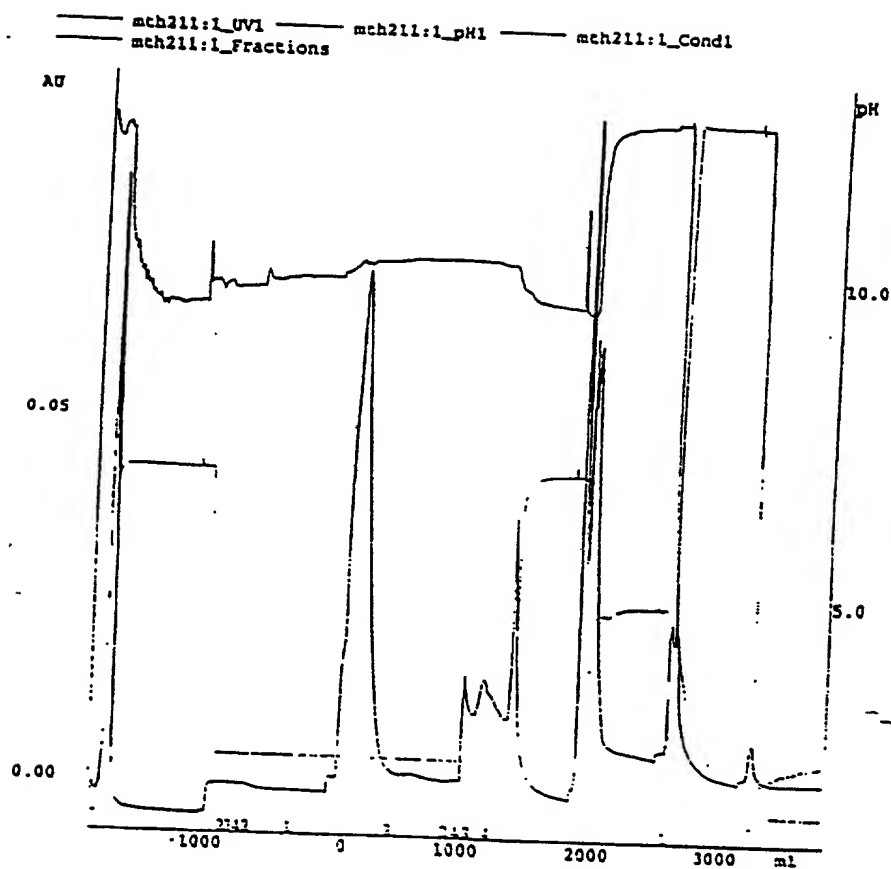


FIG. 14

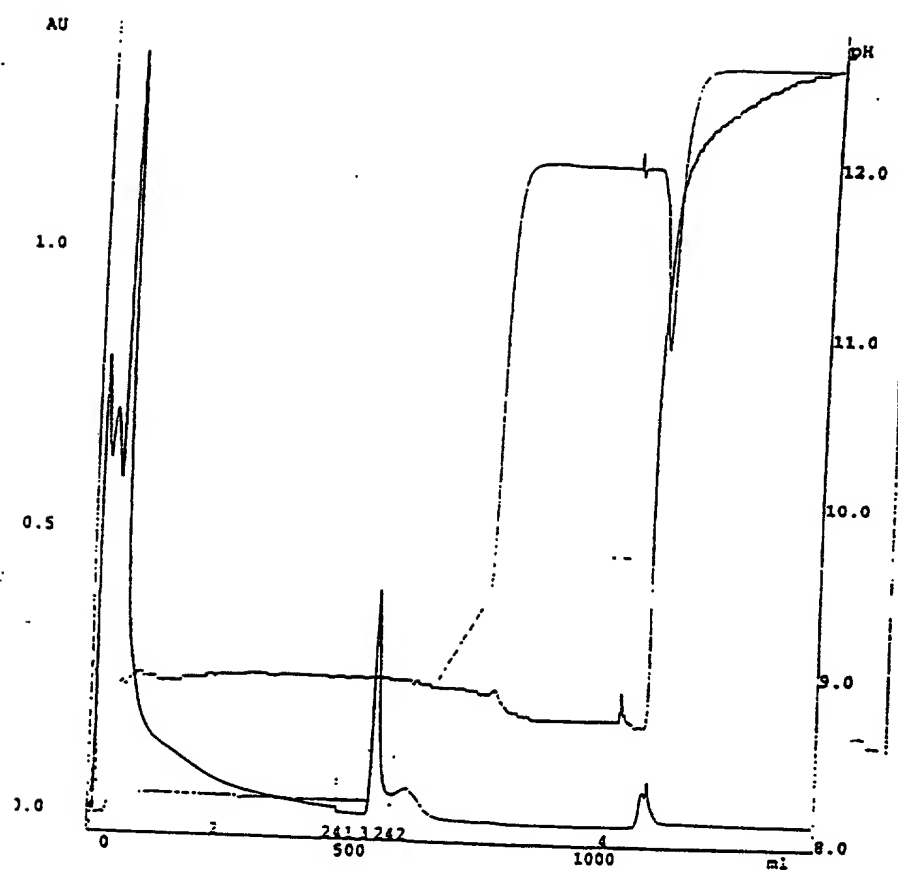
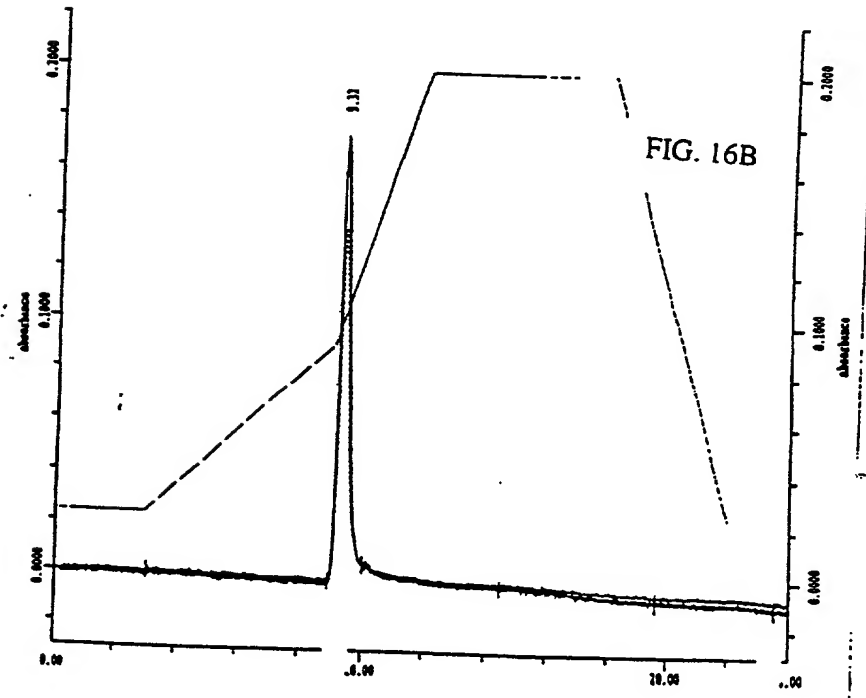
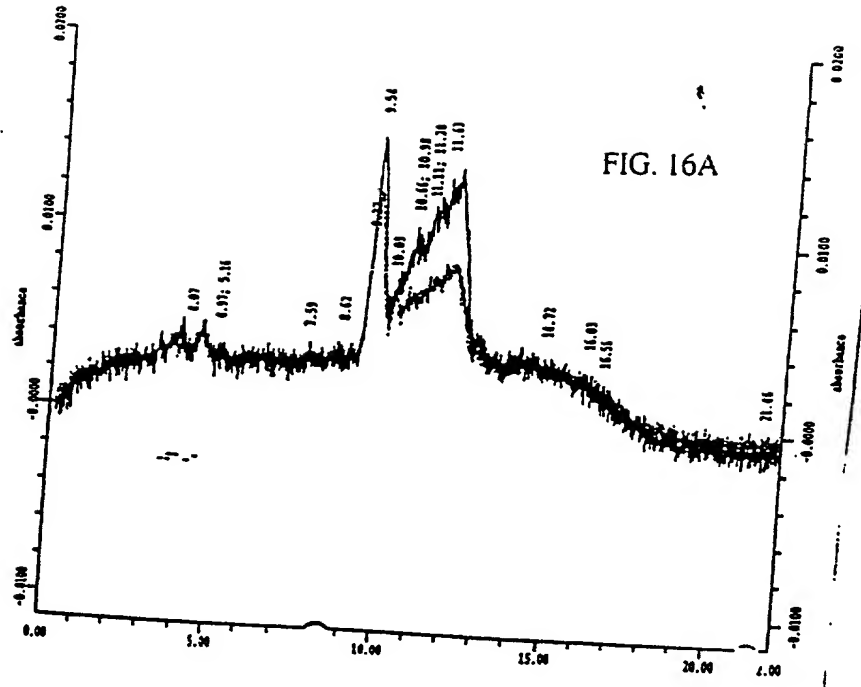


FIG. 15

Figure 16A shows the chromatogram of the sample. The x-axis represents time in minutes, and the y-axis represents absorbance. The chromatogram displays several peaks, with the most prominent ones labeled with their retention times: 4.07, 6.05, 7.59, 9.54, 10.40, 10.50, 10.60, 10.80, 11.00, 11.20, 11.40, 14.72, 16.00, 16.50, and 21.46. The baseline is relatively flat, indicating a good separation of the components.



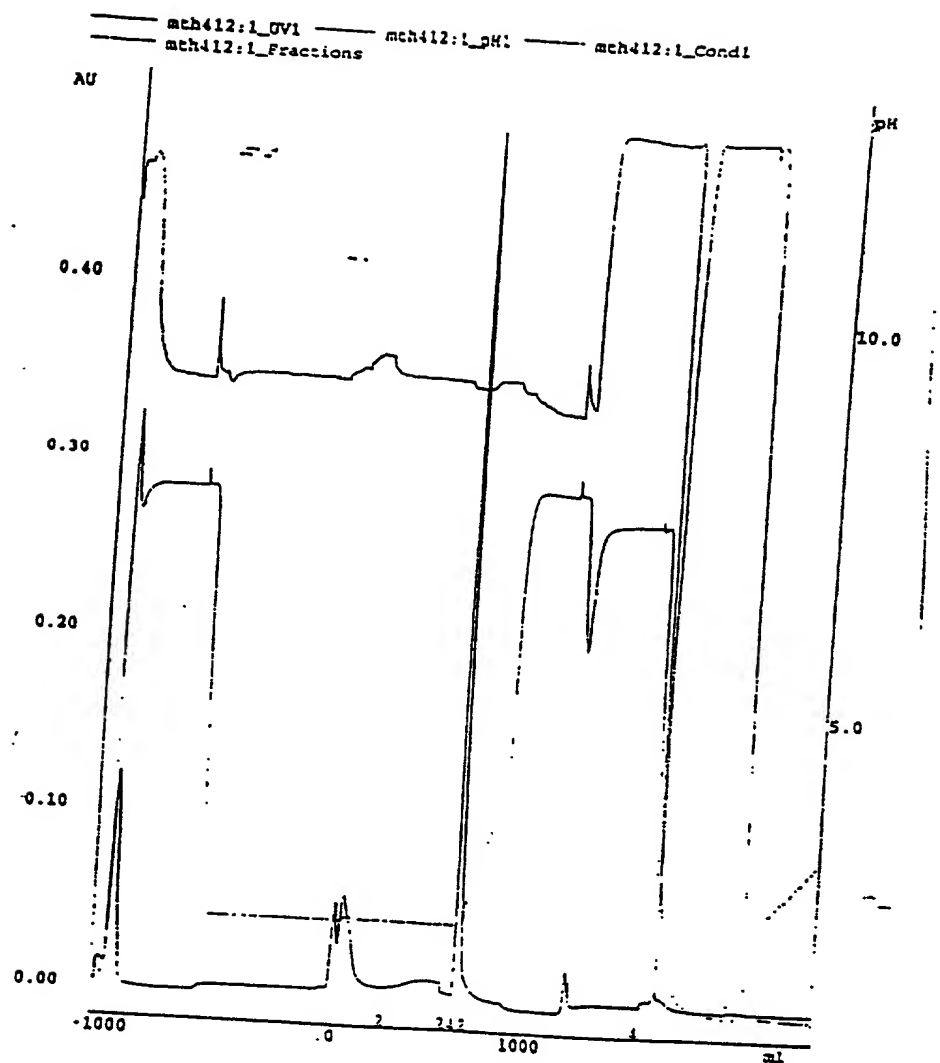


FIG. 17

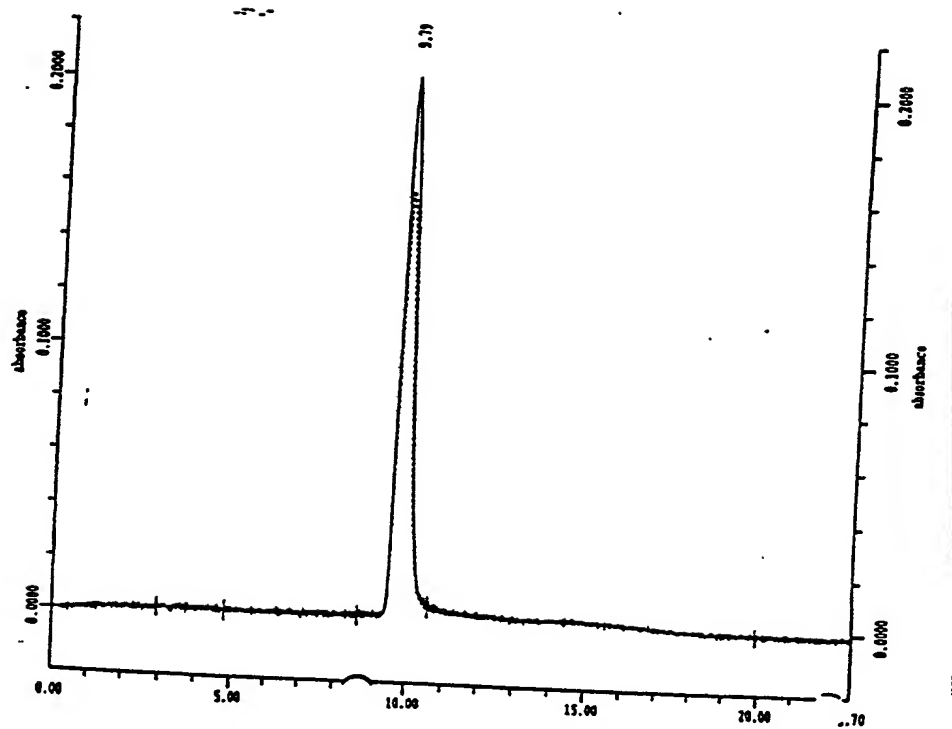
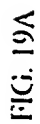


FIG. 18





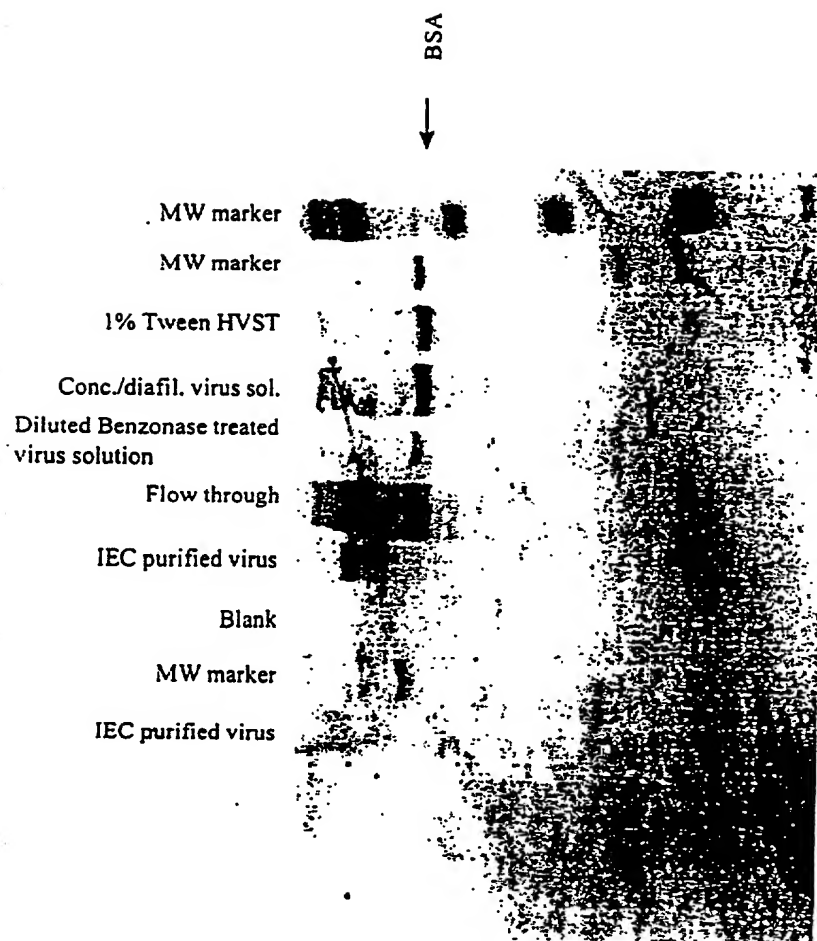


FIG. 19B

Figure 19C shows the results of a Western blot analysis of the expression of the protein encoded by the gene in the various tissues. The blot was probed with an anti-protein antibody. The results show that the protein is expressed in all tissues, but at different levels. The highest expression is observed in the liver, followed by the kidney, and then the heart. The expression is lowest in the muscle and brain.

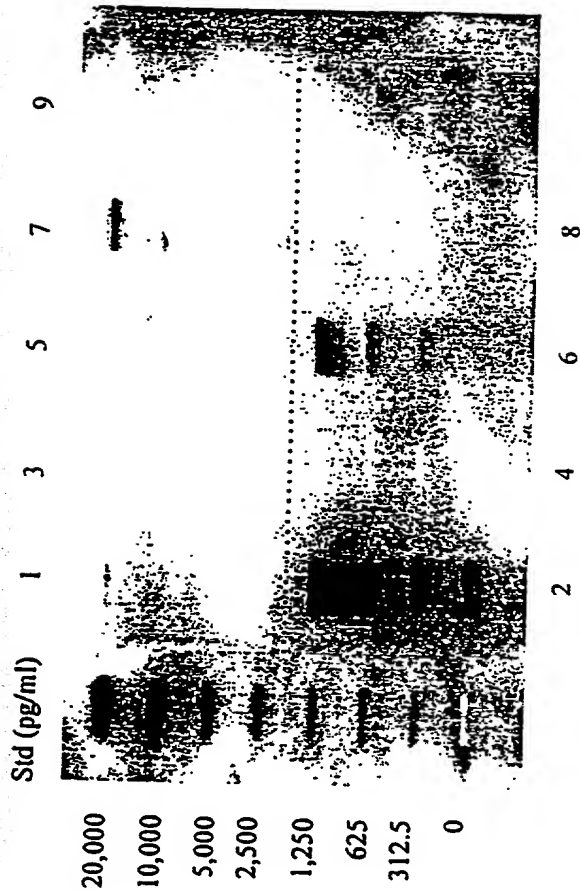
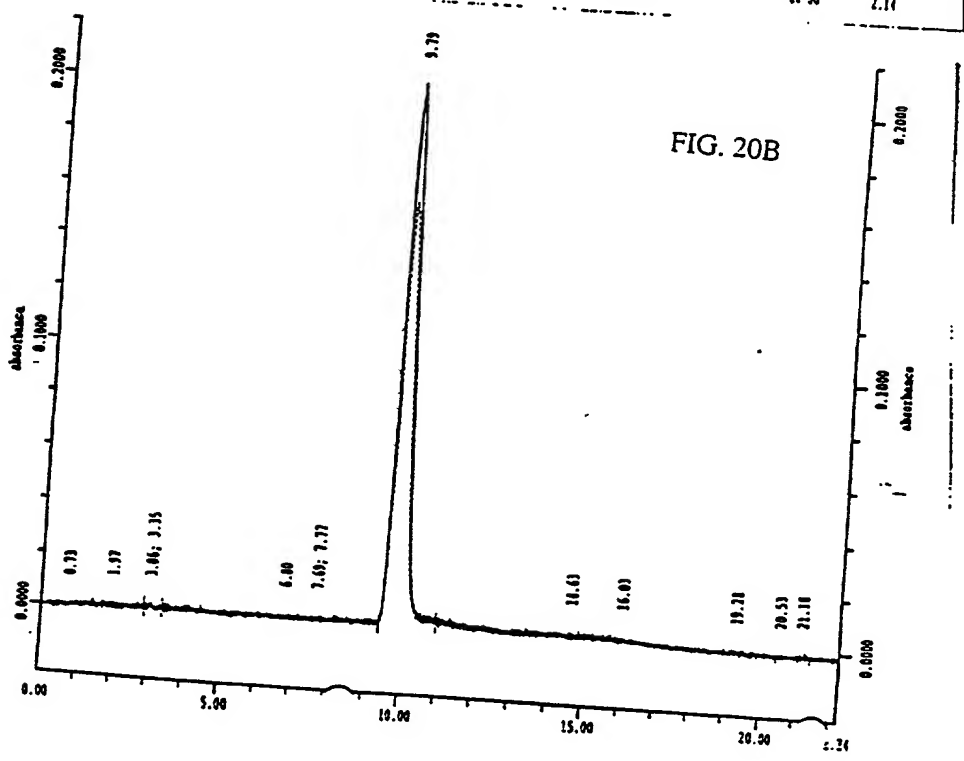
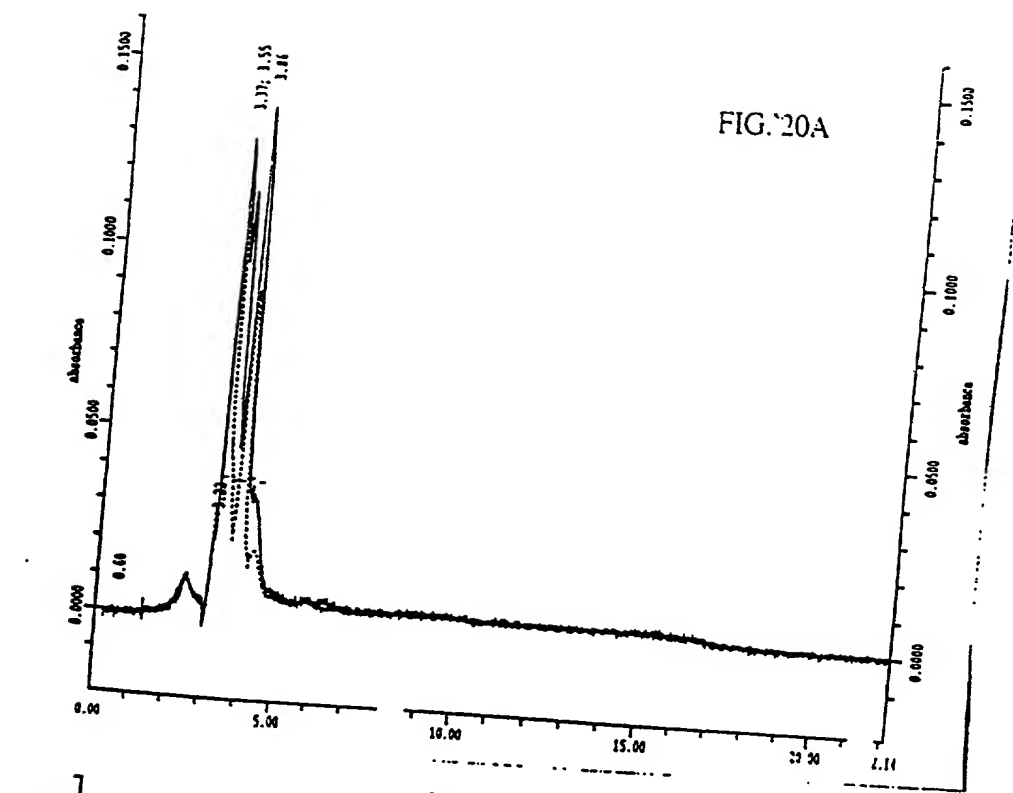
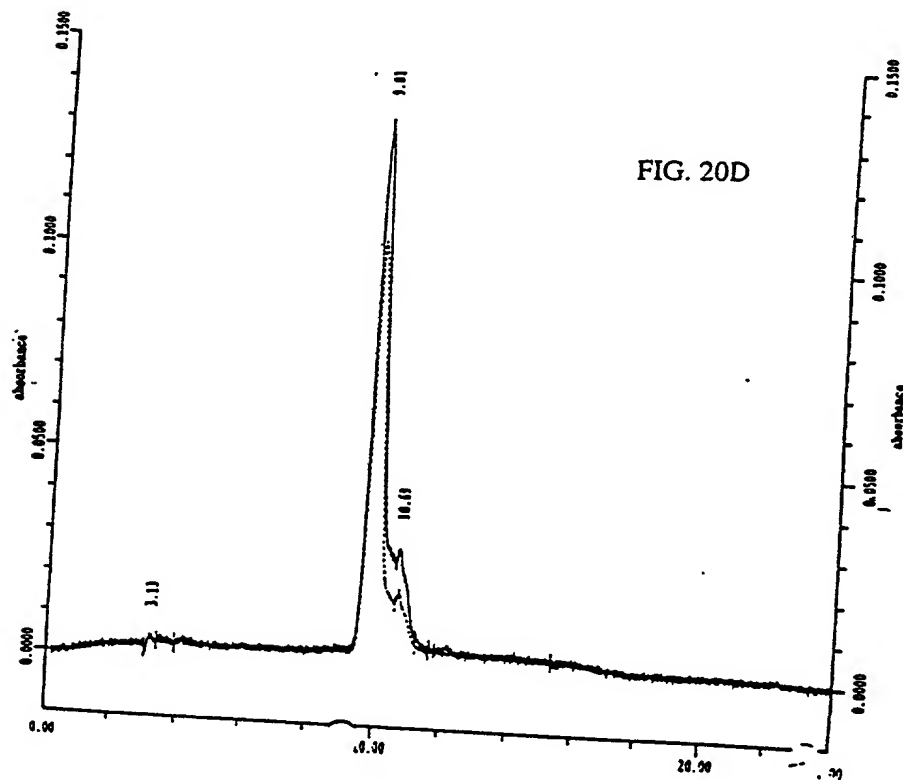
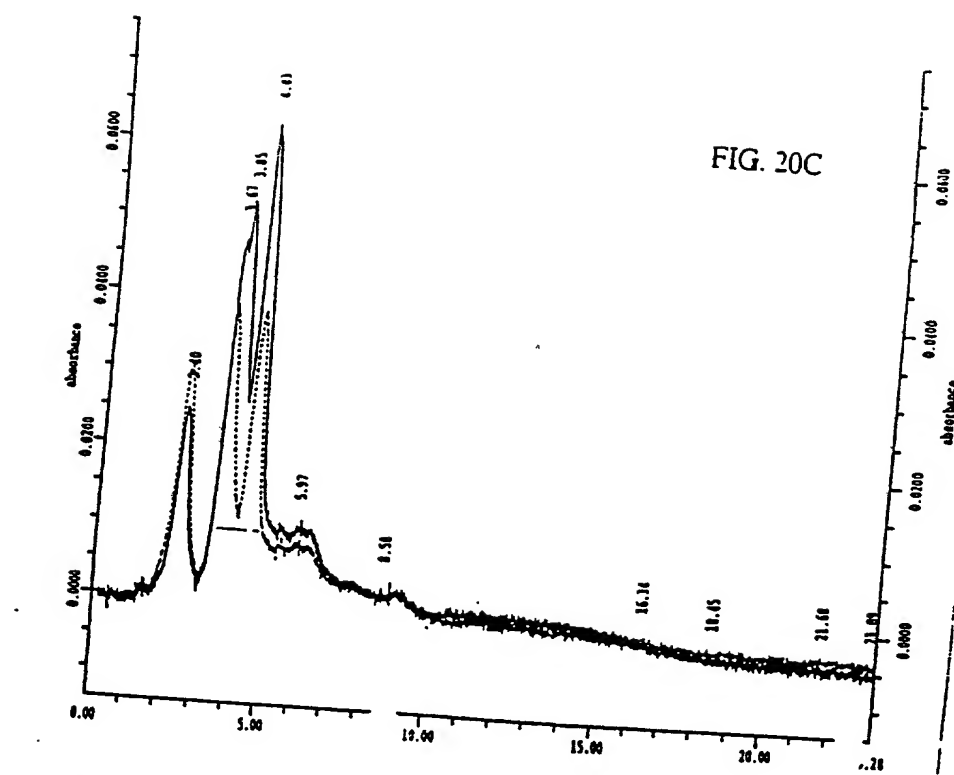


FIG. 19C

0.00 0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50 10.00 10.50 11.00 11.50 12.00 12.50 13.00 13.50 14.00 14.50 15.00 15.50 16.00 16.50 17.00 17.50 18.00 18.50 19.00 19.50 20.00 20.50 21.00 21.50 22.00 22.50 23.00 23.50 24.00 24.50 25.00 25.50 26.00 26.50 27.00 27.50 28.00 28.50 29.00 29.50 30.00 30.50 31.00 31.50 32.00 32.50 33.00 33.50 34.00 34.50 35.00 35.50 36.00 36.50 37.00 37.50 38.00 38.50 39.00 39.50 40.00 40.50 41.00 41.50 42.00 42.50 43.00 43.50 44.00 44.50 45.00 45.50 46.00 46.50 47.00 47.50 48.00 48.50 49.00 49.50 50.00 50.50 51.00 51.50 52.00 52.50 53.00 53.50 54.00 54.50 55.00 55.50 56.00 56.50 57.00 57.50 58.00 58.50 59.00 59.50 60.00 60.50 61.00 61.50 62.00 62.50 63.00 63.50 64.00 64.50 65.00 65.50 66.00 66.50 67.00 67.50 68.00 68.50 69.00 69.50 70.00 70.50 71.00 71.50 72.00 72.50 73.00 73.50 74.00 74.50 75.00 75.50 76.00 76.50 77.00 77.50 78.00 78.50 79.00 79.50 80.00 80.50 81.00 81.50 82.00 82.50 83.00 83.50 84.00 84.50 85.00 85.50 86.00 86.50 87.00 87.50 88.00 88.50 89.00 89.50 90.00 90.50 91.00 91.50 92.00 92.50 93.00 93.50 94.00 94.50 95.00 95.50 96.00 96.50 97.00 97.50 98.00 98.50 99.00 99.50 100.00







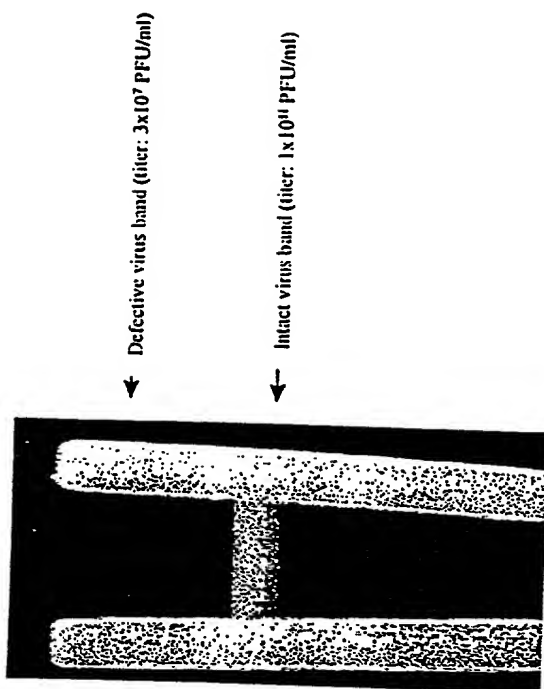
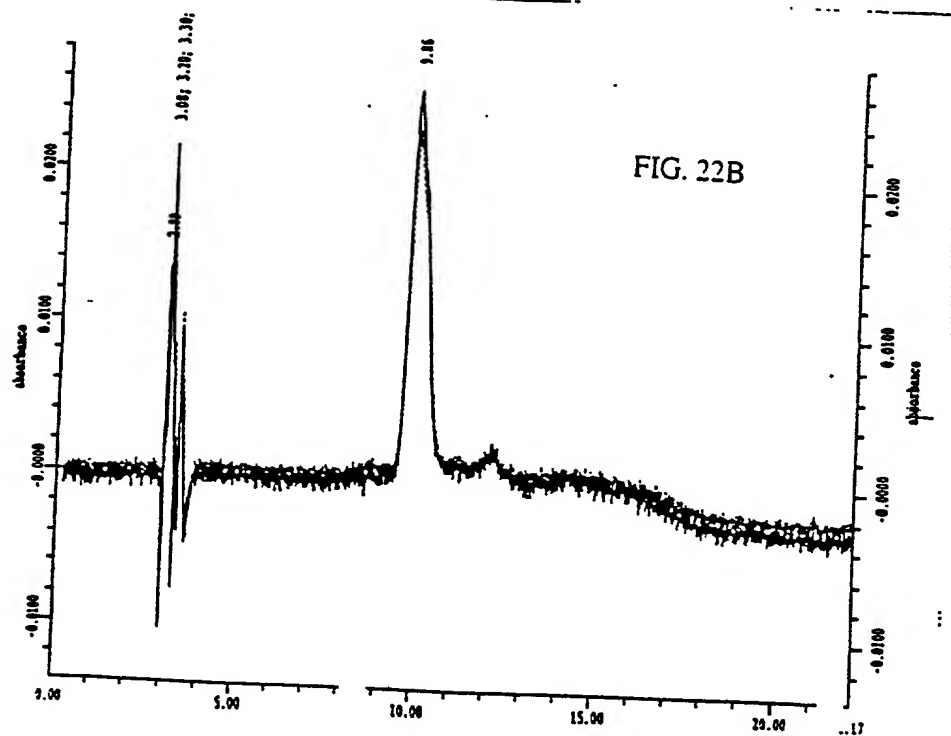
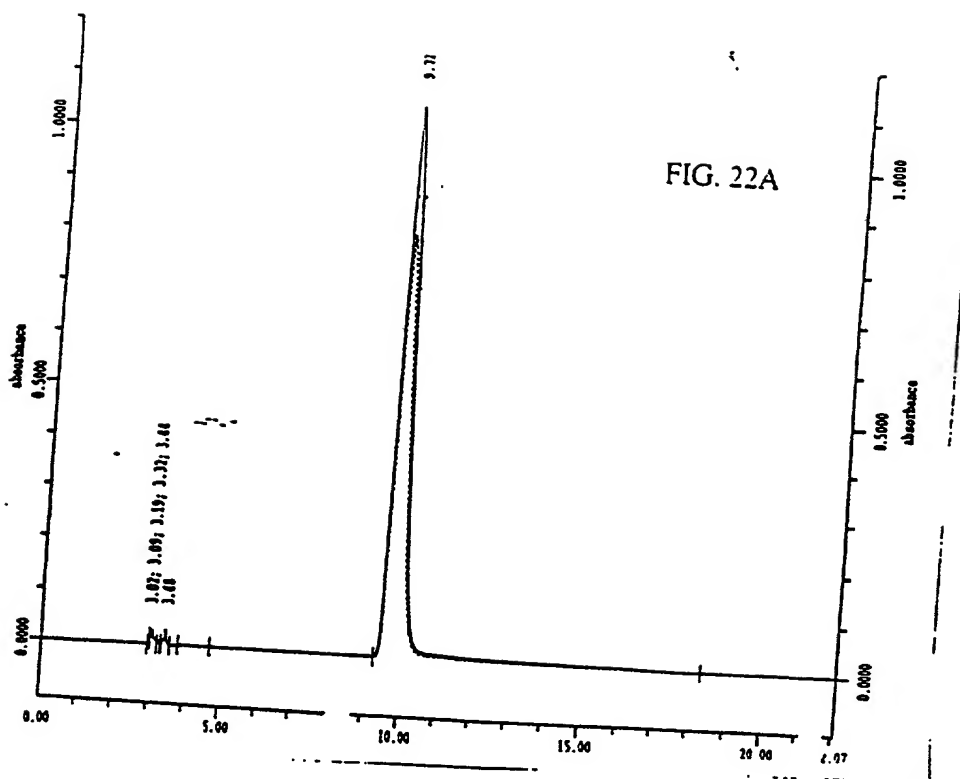


FIG. 21



	Titer (PFU/ml)	Vol. (ml)	Yield (PFU)	Recovery (%)	
				Step	Acc.
Cube (low perfusion rate, keep glucose > 1g/L)					
↓ 1% Tween-20 in buffer A					
Harvest					
↓ Clarification and Filtration (0.22 um)					
Virus solution	2.6x10 <sup>9</sup>	1900	4.9x10 <sup>12</sup>		
↓ Conc./diaf. (10-fold conc., diaf. into 1M NaCl buffer A)					
Conc. sup	2.5x10 <sup>10</sup>	200	5x10 <sup>12</sup>	102%	
↓ Benzonase treatment (O/N, RT, 100u/ml)					
Treated sup					
↓ Dilute with water to conductivity = 22-25 mS/cm					
Diluted virus solution	7x10 <sup>9</sup>	700	4.9x10 <sup>12</sup>	98%	100%
↓					
Purified virus	1.5x10 <sup>10</sup>	240	3.6x10 <sup>12</sup>	73%	73%
↓ conc./diaf (5-fold conc.)					
Final purified product	7x10 <sup>10</sup>	50	3.5x10 <sup>12</sup>	97%	71%

FIG. 23